

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

- Claim 1 (previously presented): An ink comprising about 30-90% ethanol-water vehicle, about 2-20% dispersant resin solublized by ammonium hydroxide, a component selected from about 2-9% translucent acrylate emulsion or about 2-5% hyperdispersant, about 1-12% pigment and 0.5-5% defoamer, wherein the ink has a conductivity from about 2800-9800  $\mu\text{S}/\text{cm}$ .
- Claim 2 (original): The ink according to claim 1, wherein the dispersant resin is a styrene acrylate copolymer.
- Claim 3 (original): The ink according to claim 1, wherein the pigment is carbon black powder.
- Claim 4 (original): The ink according to claim 1, wherein the translucent acrylate emulsion contains 40-50% polymer.
- Claim 5 (original): The ink according to claim 1 further comprising a surfactant, a biocide, additional hyperdispersant or a humectant.
- Claim 6 (original): The ink according to claim 1, having a pH from about 7.2 to about 7.85.
- Claim 7 (original): The ink according to claim 1, having a viscosity from about 2.5 to about 2.8 centipoise.
- Claim 8 (canceled)
- Claim 9 (previously presented): The ink according to claim 1, having a particle size of about 128-450 nm, and showing an increase of about 10-15 nm from the dry pigment particles.
- Claim 10 (currently amended): The ink according to claim 1, having  $[\eta]$  an equilibrium surface tension of about 25-42 mN/m.
- Claim 11 (original): The ink according to claim 1, comprising about 50-60% ethanol-water vehicle, about 8-9% dispersant resin solublized by ammonium hydroxide, about 5% translucent acrylate emulsion or about 3-3.5% hyperdispersant, about 5-9% pigment and about 0.8-1.1% defoamer.
- Claim 12 (original): The ink according to claim 11 further comprising about 1.5-2% humectant, an additional about 1-1.5% hyperdispersant, about 0.1-2.5% surfactant or about 0.3-0.4% biocide.
- Claim 13 (previously presented): An ink having a conductivity from about 2800-9800  $\mu\text{S}/\text{cm}$ , a particle size of about 128-450 nm, and showing an increase of about 10-15 nm from the dry

pigment particles and an equilibrium surface tension of about 25-42 mN/m, wherein the ink comprises about 1-12% pigment and about 2-20% dispersant resin solublized by ammonium hydroxide.

Claim 14 (previously presented): The ink according to claim 13 comprising about 30-90% water-EtOH vehicle.

Claim 15 (previously presented): The ink according to claim 13 wherein the conductivity is about 5500-6000  $\mu\text{S}/\text{cm}$ , the particle size is about 280-300 nm, the equilibrium surface tension is about 36 mN/m, and comprising about 8-9% dispersant resin solublized by ammonium hydroxide.

Claim 16 (original): The ink according to claim 15 further comprising about 5-9% pigment and water-EtOH vehicle.

Claim 17 (original): The ink according to claim 16, wherein the dispersant resin is a styrene acrylate copolymer, the pigment is carbon black powder, the pH is about 7.2-7.85, the viscosity is about 2.5-2.8, and further comprising 2-9% translucent acrylate emulsion containing about 40-50% polymer, and an optional ingredient selected from surfactant, biocide, hyperdispersant or humectant.

Claim 18 (original): A method of printing comprising the steps of (a) applying to a substrate an ink-jet ink comprising ethanol-water vehicle and about 2-20% dispersant resin solublized by ammonium hydroxide, about 2-9% translucent acrylate emulsion or about 2-5% hyperdispersant, about 1-12% pigment and about 0.5-5% defoamer; and (b) volatilizing the ammonia to fix the ink to the substrate.

Claim 19 (original): The method according to claim 18, wherein the ink comprises ethanol-water vehicle and about 8-9% dispersant resin solublized by ammonium hydroxide, about 5% translucent acrylate emulsion or about 3-3.5% hyperdispersant, about 5-9% pigment and about 0.8-1.1% defoamer.

Claim 20 (previously presented): The method according to claim 18, wherein the ink has a conductivity from about 2800-9800  $\mu\text{S}/\text{cm}$ , a particle size of about 128-450 nm, and showing an increase of about 10-15 nm from the dry pigment particles and an equilibrium surface tension of about 25-42 mN/m.

Claim 21 (previously presented): The method according to claim 18, wherein the ink has a conductivity from about 5550-6000  $\mu\text{S}/\text{cm}$ , a particle size of about 280-300 nm, and showing an increase of about 10-15 nm from the dry pigment particles and an equilibrium surface tension of about 36 mN/m.